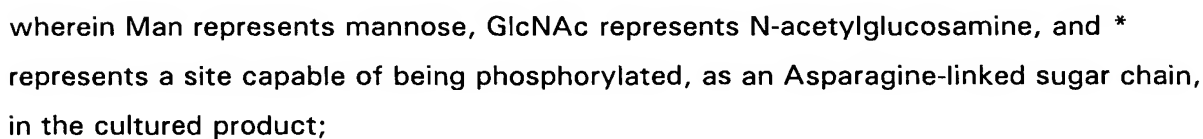


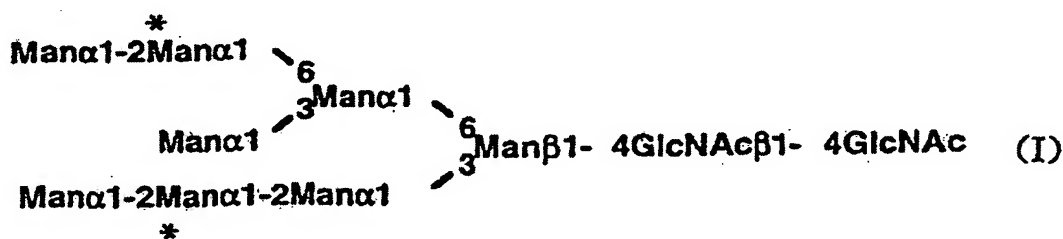
producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (I):



8. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (I):





12. (Twice Amended) A process for producing an oligosaccharide, comprising the steps of:

- culturing the yeast mutant according to claim 10 in a medium;
- producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product;
- collecting the glycoprotein from the cultured product; and
- recovering the oligosaccharide from the collected glycoprotein.

13. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

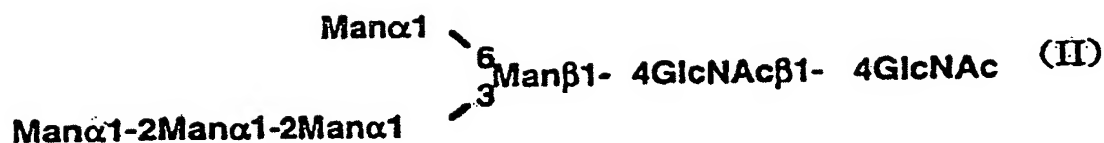
- culturing the yeast mutant according to claim 10 in a medium;
- producing and accumulating a glycoprotein containing an oligosaccharide as a Asparagine-linked sugar chain in the cultured product; and
- collecting the glycoprotein from the cultured product.

14. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

- culturing the yeast mutant according to claim 10, which has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived Asparagine-linked glycoprotein, in a medium;
- producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product; and
- collecting the glycoprotein from the cultured product.

21. (Twice Amended) A process for producing an oligosaccharide, comprising the steps of:

- culturing the yeast mutant according to claim 15 or 16 in a medium;
- producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (II):



wherein Man represents mannose and GlcNAc represents N-acetylglucosamine, as an Asparagine-linked sugar chain, in the cultured product;

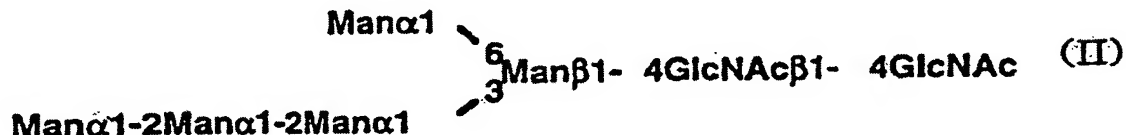
collecting the glycoprotein from the cultured product; and

recovering the oligosaccharide from the collected glycoprotein.

22. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 15 or 16 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (II):



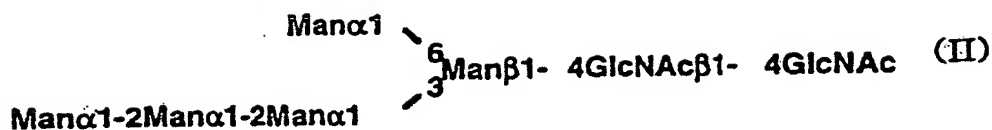
wherein Man represents mannose and GlcNAc represents N-acetylglucosamine, as an Asparagine-linked sugar chain, in the cultured product; and

collecting the glycoprotein from the cultured product.

23. (Once Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 15 or 16, that has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived Asparagine-linked glycoprotein, in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (II):



wherein Man represents mannose and GlcNAc represents N-acetylglucosamine, as an Asparagine-linked sugar chain, in the cultured product; and
collecting the glycoprotein from the cultured product.

25. (Twice Amended) A yeast mutant in which at least one gene associated with biosynthesis of a mammalian type sugar chain is introduced into the yeast mutant according to claim 15 or 16.

26. (Twice Amended) A process for producing an oligosaccharide, comprising the steps of:

culturing the yeast mutant according to claim 24 in a medium;
producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product;
collecting the glycoprotein from the cultured product; and
recovering the oligosaccharide from the collected glycoprotein.

27. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 24 in a medium;
producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product; and
collecting the glycoprotein from the cultured product.

28. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 24, which has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived Asparagine-linked glycoprotein, in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product; and
collecting the glycoprotein from the cultured product.

33. (New) A process for producing an oligosaccharide, comprising the steps of:

culturing the yeast mutant according to claim 11 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an asparagine-linked sugar chain in the cultured product;

collecting the glycoprotein from the cultured product;

and

recovering the oligosaccharide from the collected glycoprotein.

34. (New) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 11 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an asparagine-linked sugar chain in the cultured product; and

collecting the glycoprotein from the cultured product.

35. (New) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 11, which has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived asparagine-linked glycoprotein, in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an asparagine-linked sugar chain in the cultured product;

collecting the glycoprotein from the cultured product.

36. (New) A process for producing an oligosaccharide, comprising the steps of:

culturing the yeast mutant according to claim 25 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an asparagine-linked sugar chain in the cultured product;

collecting the glycoprotein from the cultured product;

and

recovering the oligosaccharide from the collected glycoprotein.

37. (New) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 25 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an asparagine-linked sugar chain in the cultured product; and

collecting the glycoprotein from the cultured product.

38. (New) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 25, which has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived asparagine-linked glycoprotein, in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an asparagine-linked sugar chain in the cultured product; and

collecting the glycoprotein from the cultured product.